Herbicidally active benzoylcyclohexanediones.

5 There are described benzoylcyclohexanediones of the formula I, their preparation, and their use as herbicides and plant growth regulators.

$$(I)$$

$$R^{1}$$

$$X^{1}-X^{2}-C^{1}(C^{2})_{q}(C^{3})_{o}-[L_{p}-R^{3}]_{q}$$

$$R^{2}$$

In this formula (I), C1, C2, C3 are cyclic radicals, X1 is a hetero atom, X2 is a chain of carbon atoms, L is a chain-like element, R1, R2, R3, R4, R5 are various radicals, and Y and Z are monoatomic bridge elements.